

# Darren Xu

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## EDUCATION

**University of New South Wales** | Bachelor of Data Science & Decisions

**Feb 2020 – present**

- Majoring in Quantitative Data Science
- Coursework in statistics, computer science and economics

## WORK EXPERIENCE

**Deloitte** | Data & Analytics Intern, Risk Advisory

**Nov 2021 – Feb 2022**

- Utilised Python to build an automated data visualisation tool bucketing 20,000+ rows of timesheet data extracted from a database
- Produced a function using Python integrating and naming all workflow datasets to the data visualisation tool with Dataiku DSS
- Cleaned and extensively verified 50,000+ records for further analysis using SQL and Excel
- Validated 2,000+ samples of raw document data with Abbyy FlexiCapture

**North Shore Coaching College** | Mathematics Tutor

**Feb 2021 – Nov 2021**

- Taught weekly Year 7 and Year 8 mathematics classes
- Executed lesson plans aimed towards collective learning and improvement

**Chemist Warehouse** | Pharmacy Assistant

**Dec 2019 – Oct 2021**

- Consistently facilitated sales, engaged with colleagues and maintained store presentability

## EXTRACURRICULARS

**UNSW Regulation Society** | IT Subcommittee Member

**Apr 2022 – present**

- Supported construction of the society's website and maintained and improved its digital products with a team of 5

**UNSW Data Science Society** | Peer Mentor

**Feb 2022 – May 2022**

- Guided 3 mentees through university, the BDataSci degree and organised weekly catchups

**UNSW School of Mathematics & Statistics** | Course Representative

**Sep 2020 – Nov 2020**

- Liaised with 2 lecturers and 2 co-representatives to improve the quality of MATH1081: Discrete Mathematics for future students

## PROJECTS

**Stock Visualisation & Forecast** | [github.com/darrenlxu/stock-forecast-tool](https://github.com/darrenlxu/stock-forecast-tool)

**Feb 2022**

- Built an automated Python stock price and stock volume visualisation tool accompanied with forecasting models, taking ticker symbols through input from the user

**NFL Combine** | [github.com/darrenlxu/nfl-combine-project](https://github.com/darrenlxu/nfl-combine-project)

**Aug 2021**

- Examined the relationship between a draft prospect's drill results and physical traits, deployed through predictive models and graphs using Python

## SKILLS & INTERESTS

**Programming Languages:** Python, SQL, R, SAS, CSS, HTML, C

**Technologies:** Git, Microsoft Office, Tableau, Abbyy FlexiCapture, Dataiku DSS

**Interests:** NFL, F1, space, stock market, TV shows, runs/hikes, web development